

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6	415/173.4.ccls. and fuse	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:09
L3	195	415/173.4.ccls. and thickness	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:09
L4	26	415/173.4.ccls. and (thickness with abrasive)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:09
L5	377	415/173.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:11
L6	203	415/174.4.ccls. not L5	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:11
L7	377	415/173.4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:13
L11	1896	416/241r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:16
L12	604	416/241b.ccls. not (11 or 7 or 6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:16
L13	544	416/241a.ccls. not (11 or 7 or 6 or 12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:16
L14	98	205/110.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:17
L17	0	416/241r.ccls. and (fuse with thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:19
L18	29	416/241r.ccls. and (fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:19
L26	377	(fuse with thickness with coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:25

L27	49	(fuse with thickness with coating) and blade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:25
L28	44	219/69.15.ccls. and (nickel or chromium)	USPAT	OR	OFF	2010/06/16 17:29
L29	19	219/69.17.ccls. and ((nickel or chromium) with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:29
L30	15	219/76.13.ccls. and ((nickel or chromium) with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/16 17:30
S1	34	((HIROYUKI) near2 (OCHIAI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 14:29
S2	35	((MITSUTOSHI) near2 (WATANABE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 14:29
S3	144	((AKIHIRO) near2 (GOTO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 14:29
S4	31	((MASAO) near2 (AKIYOSHI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 14:29
S5	13	"4671735"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 14:43
S6	0	"2001055471"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:19
S7	0	"2001055481"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:19
S8	0	"200155481"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:19
S9	4	"2001055481"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:19
S10	2	"2003156940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:20
S11	0	"20032693898"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:30
S12	4	"5148615"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:31

S13	2	"2004150272"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:31
S14	3	"20052882"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:31
S15	4	"05148615"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:33
S16	6	"2005002882"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:34
S17	7	"10030404"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/02 15:37
S18	0	"56009258"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:38
S19	9	"569258"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:38
S20	363	415/173.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 15:45
S21	48	415/173.4.ccls. and (abrasive with blade)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 16:11
S22	50	415/173.4.ccls. and (abrasive with blade)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:11
S23	0	415/173.4.ccls. and (abrasive with blade with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:15
S24	310	(abrasive with blade with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:16
S25	531	titanium with compressor and engine	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:31
S26	184	titanium with compressor and ("415"/\$.ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:31
S27	6	(titanium with (case near3 compressor)) and ("415"/ \$.ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:40
S28	19	(titanium near3 blade) and (abradable near3 coating) and ("415"/\$. ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 16:43

S29	1	(pressure with side with blade with coating) and (abradable near3 coating) and ("415"/\$.ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 17:11
S30	24	(pressure with side with blade with coating) and ("415"/\$.ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 17:12
S31	102	("20010014405"   "20020147521"   "20030054196"   "20030138658"   "20040064945"   "20040137259"   "20050079343"   "3199836"   "3552479"   "3660882"   "3754899"   "3778586"   "3899267"   "3961910"   "4169020"   "4227703"   "4232995"   "4249913"   "4269903"   "4336276"   "4422648"   "4551064"   "4589823"   "4608128"   "4669955"   "4689242"   "4704332"   "4735656"   "4741973"   "4744725"   "4764089"   "4802828"   "4818388"   "4842953"   "4851188"   "4878953"   "4884820"   "4914794"   "4936745"   "4937042"   "5024884"   "5059095"   "5074970"   "5076897"   "5104293"   "5134032"   "5264011"   "5352540"   "5355637"   "5474421"   "5506055"   "5512382"   "5530050"   "5702574"   "5780116"   "5804789"   "5858479"   "5879753"   "5935407"   "5952110"   "5997248"   "6086684"   "6171351"   "6180262"   "6190124"   "6194086"   "6348668"   "6365008"   "6394755"   "6437278"   "6482537"   "6492611"   "6548028"   "6602561"   "6660405"   "6793982"   "6808604"   "6821579"   "6929829"   "6935917"   "Re31883") PN. OR ("2007/0059905"   "2007/0104585"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 17:16

		"2007/0160469"   "2007/0184298"   "2009/0200748"   "5603603"   "5704759"   "6896485"   "7473072"   "7537809").URPN.				
S32	1	"10560353"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 09:06
S33	0	("2006/0240184").URPN.	USPAT	OR	OFF	2009/12/09 09:08
S34	1	"5071054".pn.	USPAT	OR	OFF	2009/12/09 09:12
S35	1	"6417477".pn.	USPAT	OR	OFF	2009/12/09 09:12
S36	457	219/69.15.ccls.	USPAT	OR	OFF	2009/12/09 09:44
S37	42	219/69.15.ccls. and (nickel or chromium)	USPAT	OR	OFF	2009/12/09 09:49
S38	13	219/69.15.ccls. and ((nickel or chromium) with electrode)	USPAT	OR	OFF	2009/12/09 09:57
S39	1	"0919829"	USPAT	OR	OFF	2009/12/09 10:01
S40	7	"919829"	USPAT	OR	OFF	2009/12/09 10:02
S41	22	"919829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/09 10:02
S42	1	"0919829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/09 10:02
S43	1	"09019829"	JPO	OR	OFF	2009/12/09 10:02
S44	1	(electrode with deposition) and (electrode with abrasable) and (electric with spark) and bath	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:05
S45	1	(electrode with deposition) and (electrode with abrasable) and (electric with spark)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:05
S46	1	(electrode with layer) and (electrode with abrasable) and (electric with spark)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:05

S47	20	(electrode with abradable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:06
S48	115	("20010014405"   "20020136613"   "20020147521"   "20030054196"   "20030138658"   "20040064945"   "20040137259"   "20050079343"   "3199836"   "3552479"   "3660882"   "3754899"   "3778586"   "3899267"   "3961910"   "4169020"   "4193852"   "4227703"   "4232995"   "4249913"   "4269903"   "4336276"   "4422648"   "4520087"   "4551064"   "4589823"   "4608128"   "4669955"   "4689242"   "4704332"   "4735656"   "4735678"   "4741973"   "4744725"   "4764089"   "4797527"   "4802828"   "4818388"   "4842953"   "4851188"   "4878953"   "4884820"   "4914794"   "4936745"   "4937042"   "5024884"   "5059095"   "5074970"   "5076897"   "5104293"   "5108555"   "5134032"   "5231270"   "5264011"   "5304288"   "5352540"   "5355637"   "5474421"   "5506055"   "5512382"   "5530050"   "5637239"   "5702574"   "5780116"   "5804789"   "5837957"   "5858479"   "5879753"   "5935407"   "5952110"   "5997248"   "6086684"   "6171351"   "6180262"   "6190124"   "6194086"   "6311576"   "6314778"   "6348668"   "6365008"   "6394755"   "6437278"   "6482537"   "6492611"   "6548028"   "6602561"   "6660405"   "6793982"   "6808604"   "6821579"   "6929829"   "6935917"   "Re31883").PN. OR	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 10:08

		("2006/0240184"   "2007/0059905"   "2007/0104585"   "2007/0160469"   "2007/0184298"   "2009/0200748"   "5603603"   "5704759"   "6548028"   "6821579"   "6896485"   "7473072"   "7537809").URPN.				
S49	15	("20030054196"   "20030138658"   "20040137259"   "20050079343"   "4422648"   "4669955"   "4704332"   "5059095"   "5474421"   "5512382"   "6180262"   "6190124"   "6394755"   "6482537"   "6660405").PN. OR ("7473072").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 10:22
S50	119	(titanium near5 compressor) and ("415"/\$. ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:31
S51	1	(titanium near5 compressor near5 shroud) and ("415"/\$.ccls. or "416"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 10:32
S52	1011	219/69.15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/09 11:39
S53	1882	219/69.17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/09 11:59
S54	17	219/69.17.ccls. and ((nickel or chromium) with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 12:00
S55	15	219/76.13.ccls. and ((nickel or chromium) with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 12:00
S56	13	(abrasive near3 coating) with (leading adj edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 12:01

S57	1	(abrasive near3 coating) with (pressure adj side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 12:02
S58	4	219/76.13.ccls. and (abrasive with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 14:57
S59	779	427/580.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 14:57
S60	416	427/580.ccls. and (electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/09 14:58
S61	137	427/540.ccls. and (electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 11:10
S62	15	205/110.ccls. and (electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 11:11
S63	97	205/110.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 11:12

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	292	415/173.4.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:14
L9	220	415/174.4.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:14
L10	1133	416/241r.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:15
L15	68	205/110.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:17
L16	1133	416/241r.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:17
L19	554	416/241a.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20
L20	617	416/241b.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20
L21	467	219/69.15.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20
L22	822	219/69.17.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20
L23	67	219/76.13.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20
L24	417	427/580.ccls.	USPAT; UPAD	OR	ON	2010/06/16 17:20

6/ 16/ 2010 5:30:28 PM

C:\ Documents and Settings\ rellis1\ My Documents\ EAST\ Workspaces\ 10586306.wsp